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APPLICATION FOR UNITED STATES PATENTDeclaration and Power of Attorney

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought, on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of such specification, including the claims; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TITLE OF INVENTION:     FRAME MEMORY CIRCUIT

I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Melvin Sharp, Reg. No. 20,556  
Rhys Merrett, Reg. No. 27,250  
Richard Donaldson, Reg. No. 25,673  
Leo N. Heiting, Reg. No. 26,906  
Carlton H. Hoel, Reg. No. 29,934  
Kenneth C. Hill, Reg. No. 29,650  
Fred Telecky, Reg. No. 29,979  
Thomas W. DeMond, Reg. No. 28,067

Please send correspondence to:     Leo Heiting, Esq.

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Citizenship: Japan  
Signature of  
Inventor: \_\_\_\_\_  
Date: \_\_\_\_\_

Name of Inventor: Gene A. Frantz  
Residence & P.O.: 2027 Point Clear Ct.;  
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Signature of  
Inventor: \_\_\_\_\_  
Date: \_\_\_\_\_

Name of Inventor: John Victor Moravec  
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Signature of  
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Name of Inventor: Jean-Pierre Dolait  
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Signature of  
Inventor: \_\_\_\_\_  
Date: \_\_\_\_\_

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Masashi Hashimoto et al  
Serial No.: 137,305

Group:

Filed: December 23, 1987

For: FRAME MEMORY CIRCUIT

## DECLARATION NOT ACCOMPANYING APPLICATION

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described and claimed in U.S. Patent Application S.N. 137,305, filed December 23, 1987; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America prior to the filing date of said application; and that I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a).

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Thomas W. DeMond, Reg. No. 28,067  
N. Rhys Merrett, Reg. No. 27,250  
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Leo N. Heiting, Reg. No. 26,906

Carlton H. Hoel, Reg. No. 29,934  
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Douglas A. Sorensen, Reg. No. 31,570  
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Thomas W. DeMond  
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Thomas W. DeMond  
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| FULL NAME OF INVENTOR   | LAST NAME           | FIRST NAME               | MIDDLE NAME               |
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| RESIDENCE & CITIZENSHIP | CITY                | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP    |
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| POST OFFICE ADDRESS     | POST OFFICE ADDRESS | CITY                     | STATE OR COUNTRY ZIP CODE |
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| FULL NAME OF INVENTOR   | LAST NAME           | FIRST NAME               | MIDDLE NAME               |
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| RESIDENCE & CITIZENSHIP | CITY                | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP    |
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| POST OFFICE ADDRESS     | POST OFFICE ADDRESS | CITY                     | STATE OR COUNTRY ZIP CODE |
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| RESIDENCE & CITIZENSHIP | CITY                | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP    |
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I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

|   |                       |                       |
|---|-----------------------|-----------------------|
| SIGNATURE OF INVENTOR                         | SIGNATURE OF INVENTOR | SIGNATURE OF INVENTOR |
| <i>Masashi Hashimoto</i><br>Masashi Hashimoto |                       |                       |
| DATE  | DATE                  | DATE                  |
| June 14, 1988                                 |                       |                       |

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of  
Masashi Hashimoto et al  
Serial No.: 137,305  
Filed: December 23, 1987  
For: FRAME MEMORY CIRCUIT

Group:

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|-------------------------|----------------------|--------------------------|---------------------------|
| FULL NAME OF INVENTOR   | LAST NAME            | FIRST NAME               | MIDDLE NAME               |
|                         | Prantz               | Gene                     | A.                        |
| RESIDENCE & CITIZENSHIP | CITY                 | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP    |
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| FULL NAME OF INVENTOR   | LAST NAME            | FIRST NAME               | MIDDLE NAME               |
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|                       |                       |                       |
|-----------------------|-----------------------|-----------------------|
| SIGNATURE OF INVENTOR | SIGNATURE OF INVENTOR | SIGNATURE OF INVENTOR |
| <i>Gene A. Prantz</i> |                       |                       |
| NAME                  | NAME                  | NAME                  |
| 6/24/88               |                       |                       |

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In re the Application of

Masashi Hashimoto et al

Serial No.: 137,305

Group:

Filed: December 23, 1987

For: FRAME MEMORY CIRCUIT

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|-------------------------|---------------------|--------------------------|------------------------|
| FULL NAME OF INVENTOR   | LAST NAME           | FIRST NAME               | MIDDLE NAME            |
|                         | Moravec             | John                     | Victor                 |
| RESIDENCE & CITIZENSHIP | CITY                | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
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|                         |                     |                          | ZIP CODE               |
|                         |                     |                          | 60480                  |
| FULL NAME OF INVENTOR   | LAST NAME           | FIRST NAME               | MIDDLE NAME            |
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|                            |                       |                       |
|----------------------------|-----------------------|-----------------------|
| SIGNATURE OF INVENTOR      | SIGNATURE OF INVENTOR | SIGNATURE OF INVENTOR |
| <i>John Victor Moravec</i> |                       |                       |
| DATE                       | DATE                  | DATE                  |
| June 22, 1988              |                       |                       |

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In re the Application of  
Masashi Hashimoto et al  
Serial No.: 137,305  
Filed: December 23, 1987  
For: FRAME MEMORY CIRCUIT

Group:

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|-------------------------|--|--------------------------|---------------------------|
| FULL NAME OF INVENTOR   | LAST NAME  | FIRST NAME               | MIDDLE NAME               |
|                         | Dolait   | Jean-Pierre              |                           |
| RESIDENCE & CITIZENSHIP | CITY   | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP    |
|                         | 06270 Villeneuve-Loubet                              | France                   | France                    |
| POST OFFICE ADDRESS     | POST OFFICE ADDRESS                                  | CITY                     | STATE OR COUNTRY ZIP CODE |
|                         | 18, Domaine De Saint Andrieu 06270 Villeneuve-Loubet | France                   |                           |
| FULL NAME OF INVENTOR   | LAST NAME  | FIRST NAME               | MIDDLE NAME               |
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| SIGNATURE OF INVENTOR | SIGNATURE OF INVENTOR |
| Jean-Pierre Dolait    |                       |
| DATE                  | DATE                  |
| June 22, 1988         |                       |